

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SG 2004/000006

A. CLASSIFICATION OF SUBJECT MATTER

H04B 1/69, H04L 27/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04B, H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HYUNSEOK, K. et al. 'Design of CMOS Scholtz's monocycle pulse generator.' In: 2003 IEEE Conference on Ultra Wideband Systems and Technologies. New York: IEEE, 16 November 2003 (16.11.2003), pages 81-85. <i>sections 4, 5; figures 3-6;</i>	1, 2
A	--	7-16
X	EP 1 370 038 A1 (CSEM) 10 December 2003 (10.12.2003) <i>abstract, figures 1-9;</i> <i>paragraphs [0014]-[0039].</i>	1-6
A	--	7-16

Further documents are listed in the continuation of Box C.

See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search
15 September 2004 (15.09.2004)

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22 September 2004 (22.09.2004)

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INTERNATIONAL SEARCH REPORTInternational application No.
PCT/SG 2004/000006**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	JEONGWOO, H. et al. A New Ultra-Wideband, Ultra-Short Monocycle Pulse Generator with Reduced Ringing. IEEE Microwave and Wireless Components Letters. June 2002, volume 12, No.6, pages 206-208, ISSN 1531-1309. sections 1, 2, 4; figures 1-4. ---	1, 2 7-16

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.:
PCT/SG 2004/000006

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
A		none	